<u></u>	Appr	oved For R	elease i				30087	8RI	0060	0030005)-3	
LOC	KHEED AIRC	RAFT CORP.		,	ERING S				1,	A.C.	-93	
DATE	11-30-60			AFFECT	s:	W	/SPO	\mathbf{x}		PRO	JECT X	
NAME	OF MAJOR CO	OMPONENT	PART	OR LOW	EST SUBA	ASSEMB	LY		PAR	NO. &	MODEL OR	TYPE
O2 SYSTEM TITLE OF PROPOSAL: OXYGEN SYSTEM IMPROVEMENTS												
NATURE OF PROPOSAL:												
				SEE P	AGE 2							
2 . 3•	tation of indicated pressures.											
ES	ESTIMATED COST AND TIME INVOLVED : ADDITIONAL FUNDING REQUIRED :											
					se Page	a i						
CP	ADDITIONAL FUNDING REQUIRED: NONE (SP-1917)											
ITEMS	AFFECTED BY											
SAFET	Y MISSION EFFEC-	PERFORM-	OPERATING PROCEDURE	INTER- CHANGE-	WEIGHT O WEIGHT & BALANCE	SUPF	LS & PORT	MAII NAN PROCE	ICE	SERVICE LIFE	FLIGHT MANUAL	MAINTE- NANCE MANUAL
	TIVENESS			ABILITY	BALANCE)]			
EST. MAN/HRS. REQ'D. TO ACCOMPLISH CHANGE IN FIELD												
SOUR	CE OF PARTS	FOR KIT			A۱	/AILABI	LITY	17	\	WEEKS A	FTER APPRO	OVAL STATINT
DISPOSITION OF SPARES AFFECTED Press. Switches reusable as is: Press Post reworkable: Lo-Press. Oxygen Gege & Autometic Opening Cylinder W. S.												
ļ	ATED BY:					PPROVE		WSI		•		
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SP-E-IA

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NATURE OF PROPOSAL:

- 1. Modify all a craft (except 388/721 and 394/954)* as follows:
 - except the high pressure gage and the indicator lights in the L. H. side instrument panel. Replace the present Oxygen Console with a new Console Assembly (Lo-pressure only) which includes the two existing pressure switches, and two new slowopening needle valves for controlling the "primary" and "secondary" low pressure systems. (See Figure 1.)
 - b. Q-Bay Install Box Assembly (dirt and grease shield) which includes new improved relief valves, and reworked pressure reducers.
 - NOTE: Existing pressure reducers will be reworked by removing the "on-off" handle, adding metal diaphragms and metal-to-metal seats. (Valve bodies will be unpainted aluminum on future production). The new relief valves will have a flow rating compatible, with system capacity and will be vented overboard.
 - c. Oxygen Cylinders Remove the existing automatic opening cylinder valves and replace with slow opening needle valves and pressure gages on each cylinder.
 - d. Modify plumbing to connect relocated system elements. Special fittings will be utilized to reduce to a minimum, the number of high and low pressure line connections. Revised installation procedure will require application of anti-sabotage paint to certify the security of each plumbing connection.

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NATURE OF PROPOSAL: (cont)

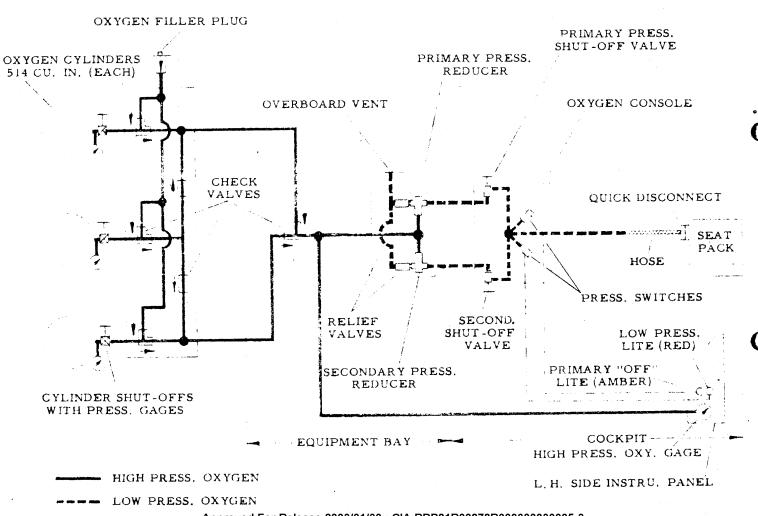
- 2. Prepare and issue a Service Bulletin
- 3. Fabricate appropriate aircraft provisioning kits.
- *4. This proposal also includes modification of two place aircraft (388/721 and 394/954). Description of changes involved will be outlined by revision to this Change Proposal and issuance of a separate Service Bulletin.

Estimated	Cost	For	Kits	or	Parts	:
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cest.	No.	1 - 9	Kits	Total	Cost
Cust.	No.	2 - 29	Kits	Total	Cost

STATINTL

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LEGEND Approved For Release 2003/0